

## **REMARKS/ARGUMENTS**

Reconsideration and withdrawal of the rejection of the application are respectfully requested in view of the amendments and remarks herewith, which place the application into condition for allowance. The present amendment is being made to facilitate prosecution of the application.

### **I. STATUS OF THE CLAIMS AND FORMAL MATTERS**

Claims 1-16 are currently pending. Claims 1, 8, 15 and 16 are hereby amended by this response. No new matter has been introduced. Support for this amendment is provided throughout the Specification and Drawings. Changes to the claims are not made for the purpose of patentability within the meaning of 35 U.S.C. §101, §102, §103, or §112. Rather, these changes are made simply for clarification and to round out the scope of protection to which Applicants are entitled.

### **II. REJECTIONS UNDER 35 U.S.C. §112**

Claims 1 and 8, which were rejected under 35 U.S.C. §112, second paragraph, as allegedly indefinite, have been amended, obviating the rejection.

### **III. REJECTIONS UNDER 35 U.S.C. §103(a)**

Claims 1-16 were rejected under 35 U.S.C. §103(a) as allegedly unpatentable over U.S. Patent No. 6,154,600 to Newman et al. (hereinafter, merely "Newman") in view of U. S. Patent No. 6,535,252 to Bruls (hereinafter, merely "Bruls").

Claim 1 recites, *inter alia*:

“...control means for controlling said frame processing means such that at least two types of frame processing by said frame processing means are performed upon the retrieved video frame in parallel,

wherein controlling is performed by storing, in order of input, a plurality of dependency relationship data, analyzing relationships among the plurality of dependency relationship data, and determining each type of frame processing to be executed as a function of the relationships among the plurality of dependency data...” (emphasis added)

As understood by Applicants, Newman relates to non-linear editing system for home audio and video applications includes a compression/decompression engine, a high capacity storage device and a media editor that provides point and click audio and video editing functionality, including recording, playback and special effects, such as real time gamma correction, color effects, 2D effects and real time fades, using a time-line system.

As understood by Applicants, Bruls relates to a device having a more user-friendly facility of rapidly skipping the commercials in a television program characterized in that the buffer means are adapted to receive television images at a first frame frequency and to supply television images at a second frame frequency.

Applicants submit that Newman and Bruls, taken alone or in combination, teach or suggest the above identified features of claim 1.

Specifically, Applicants submit that Newman and Bruls fails to disclose or suggest control means for controlling said frame processing means such that at least two types of frame processing by said frame processing means are performed upon the retrieved video frame in parallel, wherein controlling is performed by storing, in order of input, a plurality of

dependency relationship data, analyzing relationships among the plurality of dependency relationship data, and determining each type of frame processing to be executed as a function of the relationships among the plurality of dependency data, as recited in claim 1.

Therefore, Applicants respectfully submit that claim 1 is patentable.

Claims 8, 15, and 16 are similar, or somewhat similar, in scope to claim 1, and are therefore patentable for similar, or somewhat similar, reasons.

#### **IV. DEPENDENT CLAIMS**

The other claims are dependent from one of the independent claims, discussed above, and are therefore believed patentable for at least the same reasons. Since each dependent claim is also deemed to define an additional aspect of the invention, however, the individual reconsideration of the patentability of each on its own merits is respectfully requested.

#### **CONCLUSION**


In view of the foregoing amendments and remarks, it is believed that all of the claims in this application are patentable and Applicants respectfully request early passage to issue of the present application.

In the event the Examiner disagrees with any of statements appearing above with respect to the disclosure in the cited reference, it is respectfully requested that the Examiner specifically indicate those portion or portions of the reference, providing the basis for a contrary view.

Please charge any additional fees that may be needed, and credit any  
overpayment, to our Deposit Account No. 50-0320.

Respectfully submitted,

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